GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Revenue (Lands.IV) Department- Webland - administrative sanction for an amount of RS.5.31 Crores under the Head of Account 2029000010001210219 for Development & Implementation of the Property Chain (National Block chain Framework) project in the Revenue Department for a period of one year with an estimated expenditure 1.48 Crores, with provision for extension of three years if the performance is found suitable, with an estimated expenditure of Rs.5.31 Crores.- Administrative sanction- Orders Issued- Reg.

REVENUE (LANDS.IV) DEPARTMENT

G.O.RT.No. 1154 **Dated: 03-10-2025**

Read the following:-

Ref:-1. From the Chief Commissioner of Land Administration, & Spl.CS., A.P., Ref.No.REV02-29/85/2023-CMRO,Dt:10.06.2025.
2. From the ASIO(State) & HoD(Property Chain), National Informatics Centre (NIC) AP State Centre, Vijayawada, Dated:24.09.2025.

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ORDER

In the reference 1st read above, the Chief Commissioner of Land Administration & Spl.CS., A.P., Mangalagiri has informed that the National Informatics Centre (NIC), Andhra Pradesh State Centre, Vijayawada, proposed implementation of the Property Chain project under the National Blockchain Framework (NBF) of the Ministry of Electronics and Information Technology (MeitY). The project aims to integrate land records (Webland) with blockchain technology to enhance security, transparency, and trust in land-based transactions across Survey, Revenue, and Registration Departments in Andhra Pradesh. A Proof of Concept (PoC) has been designed to demonstrate the feasibility of this integration.

2. The Chief Commissioner of Land Administration, & Spl.CS., A.P., Mangalagiri has further reported that the National Informatics Centre (NIC), has informed that the Objective is to implement a secure, immutable, and verifiable blockchain-based system for land records management by:

a. Integrating Webland with the Property Chain framework developed by the Centre of Excellence in Blockchain Technology (CoE-BCT), NIC, Bangalore.

b. Streamlining workflows among Survey, Revenue, and Registration Department.

c. Establishing a Single Source of Truth (SSOT) for land records to ensure data integrity and accessibility.

3. The overview of the project is integration of blockchain technology with Webland for land records management, covering creation of blockchain lDs, auto-mutation, sub-division of land parcels, and read/write mechanisms for stakeholders.

a. The Chief Commissioner of Land Administration (CCLA, Revenue Dept.)
b. Survey and Settlement of Land Records (SSLR)
c. Inspector General of Registration and Stamps (lGRS)
d. NIC-AP, Vijayawada
e. CoE-BCT, NIC, Bangalore
f. llT Hyderabad.

4. The Key Features are that they are secured, trusted, immutable, traceable, and verifiable property transactions stored in a distributed ledger. And proposed workflow includes creation of blockchain IDs, pushing Land Parcel Maps (LPM) data, auto-mutation post-registration, sub-division processes, and read/write mechanisms via SSOT.

5. In the reference 2nd read above, the ASIO(State) & HoD(Property Chain), National Informatics Centre (NIC) A.P State Centre, Vijayawada has furnished the timelines and the financial components (An amount of Rs.1.48 Crores for one year) and requested to take necessary action at the earliest.

Time	Work
0 to 3 Months	Preparatory ground work for onboarding into Property Chain Framework of CoE(BlockChain Technology), Bangalore for Survey, Revenue and Registration Departments.
4-6 Months	Pilot run of pushing of Land related data of selected 5 Mandals in AP to create Block Chain IDs.
7-12 Months	Developing Single Source of Truth Server Linking all Transactions related to each BlockChain in the workflow for LPM and Survey Number Land Records associated with Survey and Registration department service.

6. The proposed project is to integrate blockchain technology into the Record of Rights (RoR)/Webland system, as outlined, aims to enhance transparency, reliability, and accountability in land records management, specifically for re-surveyed villages with available spatial and textual data.

7. The National Informatics Centre (NIC), through its Centre of Excellence in Bangalore, will execute the project at an estimated cost of Rs. 5.31 crores over three years, covering manpower, hardware, and software.

8. The Chief Commissioner of Land Administration, & Spl.CS., A.P., Mangalagiri has requested the Government to sanction an amount of Rs.5.31 Crores under Head of the Account- 2029000010001210219 towards project development and implementation of the Property Chain Project in the Revenue Department for a period of one year, with provision for extension of three years, if the performance is found suitable.

9. Government after careful examination of the proposal, hereby accord administrative sanction for an amount of RS.5.31 crores under the Head of Account-2029000010001210219, for Development & Implementation of the Property Chain (National Block chain Framework) project in the Revenue Department for a period of one year with an estimated expenditure 1.48 Crores towards PoC and pilot implementation, with provision for extension of three years if the performance is found suitable, with an estimated expenditure of Rs.5.31 Crores.

10. This order issues with the concurrence of the Finance Department vide their U.O.No: FIN01-FMU0PC(REV)/127/2025-FMU-REV(C.No:2882080), Dated:04.09.2025.

11. The Chief Commissioner of Land Administration, & Spl.CS., A.P., Mangalagiri shall take further necessary action in the matter accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

G. JAYALAKSHMI
SPECIAL CHIEF SECRETARY TO GOVERNMENT (FAC)

To;
The Chief Commissioner of Land Administration, & Spl.CS., A.P., Mangalagiri
The National Informatics Centre (NIC) AP State Centre, Vijayawada,
Copy to:
The PS to Principal Secretary to the Hon'ble Chief Minister
The PS to the Hon'ble Minister for Revenue, Registration & Stamps.
The PS to Spl. Chief Secretary to Govt., Revenue, Registration & Stamps Department.
The Director of Translation Department (with a request to translate it in Telugu Language).
Sf/Sc.

//FORWARDED BY ORDER//

SECTION OFFICER